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Claims

1. Vodka, comprising
 - 5 - a percentage of absolute alcohol in water of about 35 - 50 vol %,
 - 4 - 6 mM sugar
 - 0.05 - 0.2 mM of bicarbonate, preferably sodium bicarbonate
 - 10 - 0.02 - 0.04 vol % of extract of flax seeds of first discharge.

2. Vodka according to claim 1 with an amount of impurities / 1 absolute alcohol of
 - 15 - acetic aldehyde lower than 3 mg
 - fusel oil lower than 6 mg
 - ester lower than 5 mg
 - methyl alcohol lower than 0.2 ml and with an alkalinity characteristic of less than 3 meq.

- 20 3. Vodka according to claim 1 or 2 comprising
 - a percentage of absolute alcohol in water of about 40 vol %,
 - 5.3 mM of sugar,
 - 25 - 0.12 mM of sodium bicarbonate and
 - 0.032 vol % of extract of flax seeds.

- 30 4. Process to prepare vodka comprising mixing water and absolute alcohol, treating the mixture with activated coal followed by filtration, adding sugar, aroma compounds and optionally other ingredients characterized in that the mixture of water and alcohol after the treatment with activated coal is cooled down to a temperature of about - 10 °C to - 15 °C, at which temperature the mixture is

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maintained for about 4 - 8 hours, after which the resulting mixture is filtered, gradually adapted to room temperature, aroma and optionally other ingredients are added to the filtrate and optionally the resulting mixture at room
5 temperature is filtered again before bottling.

5. Process to prepare vodka according to claim 4 whereby the filtrate is adapted to room temperature by pumping the filtrate to a non-isolated tank until room temperature has
10 been attained.

6. Process to prepare vodka according to claim 4 or 5 whereby the aroma compounds comprise extract of flax seeds.

15 7. Process to prepare vodka according to claim anyone of the claims 4 - 6 whereby water with an alkalinity of less than 3 meq/l is applied.

20 8. Process to prepare vodka according to anyone of the claims 4 - 7 whereby the cooled down mixture is filtered through a carbon filter.

25 9. Process to prepare vodka according to anyone of the claims 4 - 8 whereby the resulting mixture at room temperature is filtered over a series of micro filters before bottling.